

Curriculum vitae

Title/full name	Dr Anthony Owen Cole
Māori tribal affiliations	Ngāti Koroki/Ngāti Raukawa ki te Tonga
Academic specialties	Kaupapa Māori research Indigenous Transdisciplinarity
ORCID	https://orcid.org/0000-0001-8519-8172
Scopus Author ID:	23988345000
Director	Te Toi Ōhanga Limited iPansophy Limited
URLs	https://www.ipansophy.com/ https://www.tetoiohanga.com/
Qualifications	BA, Massey University, 1991 BA (Hons.) <i>1st class</i> , Massey University, 1992 PhD, Massey University, 1997
Contact addresses	85 Westridge Drive, Tauriko, Tauranga 3110
Email	anthony@tetoiohanga.com
Phone/mobile	06-359-1035/0274-650-759

Research profile statement

A kaupapa Māori, transdisciplinary researcher who enjoys working in a culturally inclusive space with academic peers who share a passion for creativity, innovation and synthesis. Has studied 'human-ecosystem' wellbeing in the context of western scientific and indigenous worldviews (e.g. Māori, Fijian, Easter Island). Knowledge contributions to mātauranga Māori focus on the problem of Māori cultural survival in a Neo-liberal market economic world. This work builds on the development and use of New Zealand's first Māori Genuine Progress Indicator (mGPI) accounting system in a Māori community context.

Has a well-established research and publication track record that demonstrates an ability to move across disciplinary/cultural boundaries in a way that brings a theoretical/empirical richness, synthesis and clarity to the study of 'human-ecosystem' wellbeing problems that is unique. Has strong interpersonal, dialogue, linguistic and listening skills that make it possible to understand and embrace different cultural/disciplinary perceptions of reality as a basis for analysis and synthesis in real-world problem-solving contexts.

Has 23-years contract research experience and 6-years tertiary teaching experience at undergraduate, Masters and doctoral level with transdisciplinary competencies in: the biophysical sciences, welfare economics, ecological economics and accounting, the philosophy of science (including transdisciplinarity methodology), mathematical modelling, web-app development and innovation focusing on the use of technology in teaching and learning. This cross-cultural/disciplinary skill-set has been applied in a

diverse range of both bottom-up (i.e. socially-mediated) and top-down (i.e. empirical) project activities including: economy-environment futures modelling, welfare accounting, environmental impact assessments, social and cultural impact assessments and the use of disruptive technology in teaching, learning and environmental monitoring contexts.

Employment

Te Toi Ōhanga Limited: Tauranga, Bay of Plenty, NZ
2018 to 2019 | Director (Contract Research)

iPansophy Limited: Tauranga, Bay of Plenty, NZ
2006 to 2019 | Director (Contract Research)

Massey University: Palmerston North, Manawatū-Wanganui, NZ
2015 to 2016 | Lecturer (School of People, Environment and Planning)

Te Whare Wānanga o te Pīhopātanga o Aotearoa: Ōtaki & Rotorua, NZ
2010 to 2011 | Kaihautū (Tāhuhu Mātauranga Aotearoa)

Te Wānanga o Raukawa: Otaki, Horowhenua, NZ
2006 to 2009 | Kaihautū and kaiako (Te Puna)

Landcare Research New Zealand: Palmerston North, Manawatū, NZ
1999 to 2006 | Ecological Economist (Contract Research)

Massey University: Palmerston North, Manawatū-Wanganui, NZ
1996 to 1998 | Post-doctoral Fellow (Resource and Environmental Planning)

Education and qualifications

Massey University: Palmerston North, Manawatū-Wanganui, NZ
1994 to 1996 | Doctorate (Geography/Mathematics)

Massey University: Palmerston North, Manawatū-Wanganui, NZ
1993 to 1993 | BA (Hons) 1st Class (Ecology/Geography)

Massey University: Palmerston North, Manawatū-Wanganui, NZ
1990 to 1992 | BA Physical Geography (Geography and Planning)

Invited positions and distinctions

Landcare Research New Zealand: Palmerston North, Manawatū, NZ
2000 to 2000 | Manaaki Tangata Fellowship (CSIRO Sustainable Ecosystems, Canberra)

Massey University: Palmerston North, Manawatū-Wanganui, NZ
1996 to 1998 | Postdoctoral Fellow (Resource and Environmental Planning)

Massey University: Palmerston North, Manawatū-Wanganui, NZ
1993 to 1996 | Massey University Doctoral
Scholarship (Geography/Mathematics)

Lincoln University: Lincoln, Canterbury, NZ
1992 to 1992 | Sir Neil Isaac Postgraduate Scholarship (Nature
Conservation/Landscape Architecture)

Massey University: Palmerston North, Manawatū-Wanganui, NZ
1990 to 1990 | Ken Nairn Planning Prize (Resource and Environmental
Planning)

Massey University: Palmerston North, Manawatū-Wanganui, NZ
1990 to 1990 | Hardy Planning Prize (Resource and Environmental Planning)

Funding

Oranga Taiao, Oranga Tangata
Ministry for Business Innovation and Employment (Wellington, New Zealand)
2017 to 2020|Contract
Part of grant number: MAUX1502
URL: <https://www.mtm.ac.nz/oranga-taiao-oranga-tangata/>

Development of Māori GPI dashboard for Te Pumautanga o Te Arawa
Ministry of Business, Innovation and Employment (Wellington, New Zealand)
2017 to 2019|Contract
Grant number: IPANS1601
URL: <https://mgpi.co.nz/#/>

Sustainable Seas Science Challenge
Ministry of Business, Innovation and Employment (Wellington, New Zealand)
2017 to 2019|Contract
Grant number: Tangaroa Research Project 3.1.3
URL: <https://sustainableseaschallenge.co.nz/programmes/tangaroa/empowerin-g-Ngā-Whare-Tokotoru-ki-Katikati>

Ma te matau ka ora
Ministry for Business Innovation and Employment (Wellington, New Zealand)
2016 to 2018|Contract
Grant number: PANS1501

Integrated Valuation of Marine and Coastal Ecosystem Services
Foundation for Research, Science and Technology (Wellington, New Zealand)
2013 to 2014|Contract
Part of grant number: MAUX1208

Manaaki Taha Moana
Ministry of Science and Innovation, New Zealand (Wellington, New Zealand)
2010 to 2016|Contract
Part of grant number: MAUX0907
URL: <https://www.mtm.ac.nz>

Ecosystem services for Iwi
Foundation for Research, Science and Technology (Wellington, New Zealand)

2005 to 2009|Contract
Grant number: MAUX0502

Motueka Integrated Catchment Management research programme
Foundation for Research, Science and Technology (Wellington, New Zealand)
2003 to 2006|Contract
Part of grant number: C09X0305

Sustainable pathways
Foundation for Research, Science and Technology (Wellington, New Zealand)
2000 to 2004|Contract
Part of grant number: MAUX0306

Redefining resources: pathways towards sustainability for Government and
business research programme
Foundation for Research, Science and Technology (Wellington, New Zealand)
2000 to 2002|Contract
Part of grant number: C09X0007

Integrated land and water resource management in complex catchments
Foundation for Research, Science and Technology (Wellington, New Zealand)
1999 to 2003|Contract
Part of grant number: C09X0014
URL: <https://icm.landcareresearch.co.nz>

Environmental change and human prehistory in the central Pacific
National Geographic Society, Washington DC
1993 to 1996|Grant
Part of Grant number: 5003-93
URL: <https://core.ac.uk/download/pdf/39848338.pdf>

International conference attendance

2017 International Transdisciplinarity Conference, Luneburg, Germany.
2009 International Society for Ecological Economics, New Delhi, India.
2007 XVII INQUA Congress, Cairns, Australia.
2005 Canadian Society for Ecological Economics Conference, Toronto, Canada.
2005 2nd World Congress on Transdisciplinarity, Vitoria/Vila Velha, Brazil
2004 International Society for Ecological Economics Conference, Montreal, Canada.
2003 VIIth International Rangeland Congress, Durban, South Africa (Invited speaker)
2002 Ecological Society of Australia Conference, Cairns, Australia.

Publications

Cole, A. O. me onā tūpuna (2019) Special issue on engaging with hapū (part 2/7) – Can literature review method be used as an instrument of Māori knowledge development? Korero Māori report 16, (53). Tauranga, New Zealand: iPansophy Limited Digital Publishing.
Te Toi Ōhanga Limited
URL: <https://www.tetoiohanga.com/content/reports/2019/tto-report16-2019.pdf>
2019 | report

Cole, A. O. me onā tūpuna (2019) Special issue on engaging with hapū (part 3/7) – Characterisation of the landscape of Māori knowledge development. Kōrero Māori report 17, (pp. 44). Tauranga, New Zealand: iPansophy Limited Digital Publishing. Tei Ōhanga Limited
URL: <https://www.tetoiohanga.com/content/reports/2019/tto-report17-2019.pdf>
2019 | report

Cole, A. O. me ōna tūpuna (2019) Special issue on engaging with hapū (part 7/7) – Engaging with hapū in creative, co-governance and co-management activities – the role of kawa, kaupapa and tikanga. Kōrero Māori report 21. Tauranga, New Zealand: iPansophy Limited Digital Publishing. Tei Ōhanga Limited
URL: <https://www.tetoiohanga.com/content/reports/2019/tto-report21-2019.pdf>
2019 | report

Cole, A. O. me ōna tūpuna (2019) Special issue on engaging with hapū (part 6/7) – Te whāriki o kaupapa Māori. Kōrero Māori report 20. Tauranga, New Zealand: iPansophy Limited Digital Publishing. Tei Ōhanga Limited
URL: <https://www.tetoiohanga.com/content/reports/2019/tto-report20-2019.pdf>
2019 | report

Cole, A. O. me ōna tūpuna (2019) Special issue on engaging with hapū (part 5/7) – Te Wānanga o kaupapa Māori. Kōrero Māori report 19. Tauranga, New Zealand: iPansophy Limited Digital Publishing. Tei Ōhanga Limited
URL: <https://www.tetoiohanga.com/content/reports/2019/tto-report19-2019.pdf>
2019 | report

Cole, A. O. me onā tūpuna and Cole, E. E. (2018) Special issue on ecosystem services thinking and methods (part 3/6) – The measurement of ecosystem services. Kōrero Māori report 7, Tauranga, New Zealand: iPansophy Limited Digital Publishing. Tei Ōhanga Limited
URL: <https://www.tetoiohanga.com/content/reports/2018/tto-report7-2018.pdf>
2019 | report

Cole, A. O. me onā tūpuna (2019) Special issue on engaging with hapū (part 4/7) – Whakatupu mātauranga in a mixed market economic world: the commodification of kawa, kaupapa and tikanga. Kōrero Māori report 18, (pp. 50). Tauranga, New Zealand: iPansophy Limited Digital Publishing. Tei Ōhanga Limited
URL: <https://www.tetoiohanga.com/content/reports/2019/tto-report18-2019.pdf>
2019 | report

Cole, A. O. me onā tūpuna (2019) Special issue on engaging with hapū (part 1/7) – Whakatupu mātauranga, co-governance and co-management: engaging with hapū in a mana-enhancing manner. Kōrero Māori report 15, (pp. 35). Tauranga, New Zealand: iPansophy Limited Digital Publishing. Tei Ōhanga Limited
URL: <https://www.tetoiohanga.com/content/reports/2019/tto-report15-2019.pdf>
2019 | report

Cole, A. O. me onā tūpuna and McCallion, A. (2018) Special issue on information technology and systems: Community-based monitoring and the expression of

kaitiakitanga: similarities and differences, Korero Māori report 13, iPansophy Limited Digital Publishing, Tauranga, New Zealand.
Te Toi Ōhanga Limited
URL: <https://www.tetoiohanga.com/content/reports/2018/tto-report13-2018.pdf>
2018 | report

McCallion, A., Cole, A. O. me onā tūpuna, Hardy, D. and Patterson M. (2018) Enhancing the expression of kaitiakitanga with the aid of information technology and systems. Kōrero Māori report 12, (pp. 95). Tauranga, New Zealand. iPansophy Limited Digital Publishing.
Te Toi Ōhanga Limited
URL: <https://www.tetoiohanga.com/content/reports/2018/tto-report12-2018.pdf>
2018 | report

Cole, A. O. me onā tūpuna and Cole, E. E. (2018) Special issue on ecosystem services thinking and methods (part 6/6) – Practical options for the adoption of ecosystem services thinking and methods by Māori communities in New Zealand. Te Toi Ōhanga, korero Māori report 10, (pp. 36). Tauranga, New Zealand: iPansophy Limited Digital Publishing.
Te Toi Ōhanga Limited
URL: <https://www.tetoiohanga.com/content/reports/2018/tto-report10-2018.pdf>
2018 | report

Cole, A. O. me onā tūpuna and Cole, E. E. (2018) Special issue on ecosystem services thinking and methods (part 4/6) – The use of ecosystem services thinking and methods in differing cultural contexts. Kōrero Māori report 8, (pp. 30). Tauranga, New Zealand: iPansophy Limited Digital Publishing.
Te Toi Ōhanga Limited
URL: <https://www.tetoiohanga.com/content/reports/2018/tto-report8-2018.pdf>
2018 | report

Cole, A. O. me onā tūpuna and McCallion, A. (2018) Special issue on information technology and systems: Towards an understanding of barriers to the Māori cultural adoption and use of information technology and systems in the expression of kaitiakitanga. Kōrero Māori report 14, (pp. 63). Tauranga, New Zealand: iPansophy Limited Digital Publishing
URL: <https://www.tetoiohanga.com/content/reports/2018/tto-report14-2018.pdf>
2018 | report

Cole, A. O. me onā tūpuna and Cole, E. E. (2018) Special issue on ecosystem services thinking and methods (part 1/6) – Tātari Tauutuutu: an introduction to the use of ecosystem services in measuring the well-being of Te Iho Matua whānau o Rangi rāua ko Papatūānuku. Te Toi Ōhanga, kōrero Māori report 5, (pp. 20). Tauranga, New Zealand: iPansophy Limited Digital Publishing.
Te Toi Ōhanga Limited
URL: <https://www.tetoiohanga.com/content/reports/2018/tto-report5-2018.pdf>
2018 | report

Cole, A. O. me onā tūpuna and Cole, E. E. (2018) Special issue on ecosystem services thinking and methods (part 2/6) – What are ecosystem services? Kōrero Māori report 6, (pp. 39). Tauranga, New Zealand. iPansophy Limited Digital Publishing
Te Toi Ōhanga Limited
URL: <https://www.tetoiohanga.com/content/reports/2018/tto-report6-2018.pdf>
2018 | report

Cole, A. O. me onā tūpuna and McCallion, A. (2017) Results and analysis of the Te Rere Kāhui pilot survey with participating hapū of Te Arawa (2016-2017). Te Toi Ōhanga report series, Korero Māori report 11, (pp. 98). Tauranga, New Zealand. iPansophy Limited Digital Publishing.
Te Toi Ōhanga Limited
URL: <https://www.tetoiohanga.com/content/reports/2018/tto-report11-2018.pdf>
2017 | report

Cole, A. O. (2017). Towards an Indigenous Transdisciplinarity. *Transdisciplinary Journal of Engineering & Science*, 8.
DOI: 10.22545/2017/00091
Part of ISSN: 1949-0569
2017 | journal-article

Cole, A. O. (2017) Towards an indigenous transdisciplinarity. In Dieleman Hans, Basarab Nicolescu and Atila Ertas (2017). *Transdisciplinary and Interdisciplinary Education and Research*. The ATLAS Publishing.
URL: <http://www.theatlas.org/index.php/about-atlas-3/honoring-dr-john-warfield-4>
Part of ISBN: 978-0-9998733-0-4
2017 | book-chapter

Cole, A. O. me onā tūpuna, and McCallion, A. (2014) Culture matters, too: achieving Ecological Economic outcomes through the expression of Māori cultural identity. *Kōrero Māori report 1*, (pp. 31). Tauranga, New Zealand. iPansophy Limited Digital Publishing.
Te Toi Ōhanga Limited
URL: <https://www.tetoiohanga.com/content/reports/2018/tto-report1-2018.pdf>
2014 | report

Van den Belt, M. & Cole, A. (2014) Ecosystem goods and services in marine protected areas (MPAs) In Department of Conservation (Contractor) *Science for Conservation 326* (pp. 1-100) Wellington, New Zealand, New Zealand Department of Conservation.
URL: <http://www.scopus.com/inward/record.url?eid=2-s2.0-84903190944&partnerID=MN8TOARS>
Department of Conservation
EID: 2-s2.0-84903190944
2014 | book

Cole, A. O. me onā tūpuna, Clark, D. and Patterson M. G. (2014) Towards a 'total economic value' of coastal marine ecosystem services in Nelson Bays, Nelson Tasman region, New Zealand. *Kōrero Māori report 2*, (pp. 169). Tauranga, New Zealand: iPansophy Limited Digital Publishing.
Te Toi Ōhanga Limited
URL: <https://www.tetoiohanga.com/content/reports/2018/tto-report2-2018.pdf>
2014 | report

Patterson, M. G. & Cole, A. O. (2013) 'Total economic value' of New Zealand land-based ecosystems and their services, In J. Dymond (Ed.) *Ecosystem Services of New Zealand* (pp. 205) Christchurch, New Zealand, Manaaki Whenua Press.
URL: <https://www.landcareresearch.co.nz/publications/books/ecosystem-services-in-new-zealand>
Part of ISBN: 9780478347364
2013 | book-chapter

Cole, A. O. me onā tūpuna and Cole E. E. (2013) Special issue on ecosystem services thinking and methods (part 5/6) – Facing up to an unwelcome truth. Kōrero Māori report 9, (pp. 27). Tauranga, New Zealand: iPansophy Limited Digital Publishing. Te Toi Ōhanga Limited
URL: <https://www.tetoiohanga.com/content/reports/2018/tto-report9-2018.pdf>
2013 | report

Cole, A. O. me onā tūpuna (2018) On the use and development of ecosystem services valuation method: a review and synthesis of published literature. Kōrero Māori report 3, (pp. 82). Tauranga, New Zealand: iPansophy Limited Digital Publishing. Te Toi Ōhanga Limited
URL: <https://www.tetoiohanga.com/content/reports/2018/tto-report3-2018.pdf>
2013 | report

Cole, A. O. me onā tūpuna and Cole E. E. (2013) Tātari Tauutuutu: a GIS map reconstruction of te iho matua whānau o Rangi rāua ko Papatūānuku within the Horowhenua and Manawatū, circa 1769–1840. Kōrero Māori report 4, (pp. 51). Tauranga, New Zealand: iPansophy Limited Digital Publishing. Te Toi Ōhanga Limited
URL: <https://www.tetoiohanga.com/content/reports/2018/tto-report4-2018.pdf>
2013 | report

Cole, A. O. & Patterson, M. G. (2012) A dynamic GPI accounting model for the Nelson Tasman regions and Motueka Catchment of New Zealand (pp. 1-288) Palmerston North, New Zealand, Massey University.
Massey University
URL: https://websites.panmultimedia.com/ipansophy/reports/dgpi_report_2013.pdf
ISBN: 978-0-9876621-1-8
2012 | report

Fenemor, A., Phillips, C., Allen, W., Young, R. G., Harmsworth, G., Bowden, B., Basher, L., Gillespie, P. A., Kilvington, M., Davies-Colley, R., Dymond, J., Cole, A. O., Lauder, G., Davie, T., Smith, R., Markham, S., Deans, N., Stuart, B., Atkinson, M., Collins, A. (2011) Integrated catchment management-interweaving social process and science knowledge. New Zealand Journal of Marine and Freshwater Research Volume 45, Issue 3, September, Pages 313-331.
DOI: 10.1080/00288330.2011.593529
EID: 2-s2.0-80052338779
Scopus - Elsevier
2011 | journal-article

Dymond J. R., Davie T. J. A., Fenemor A. D., Ekanayake J. C., Knight B. R., Cole A. O., Montes de Oca Munguia O., Allen W. J. Young R. G., Basher L. R., Dresser M., Batstone C. J. (2010) Integrating environmental and socio-economic indicators of a linked catchment-coastal system using variable environmental intensity. Environmental Management Volume 46, Issue 3, pp 484–493.
URL: <https://doi.org/10.1007/s00267-010-9539-6>
DOI: 10.1007/s00267-010-9539-6
EID: 2-s2.0-77957677105
Scopus - Elsevier
2010 | journal-article

Luke, D., & Cole, A. O. (2009). He Oranga Hapori - community wellbeing. Paper presented at the Te Aho, Our People, Our Future Summit. Te Wānanga o Raukawa, Ōtaki, New Zealand.

Te Wānanga o Raukawa
2009 | conference-paper

Blumler, M. A., Cole, A. O., Flenley, J. R. & Schichoff, U. (2009) History of Biogeographical thought, In A. C. Millington, M. Blumler & U. Schichoff (Eds.) The Sage Handbook of Biogeography (pp. 1-56) London, Sage Publishers Limited.

URL: <https://www.worldcat.org/isbn/9781412919517>
Part of ISBN: 9781412919517
2009 | book-chapter

Cole A. O. and Flenley J. R. (2008) Modelling human population change on Easter Island far-from-equilibrium. Quaternary International Volume 184, Issue 1, Pages 150-165.

URL: <http://www.scopus.com/inward/record.url?eid=2-s2.0-44649202086&partnerID=MN8TOARS>

DOI: 10.1016/j.quaint.2007.09.019

EID: 2-s2.0-44649202086

Scopus - Elsevier

2008 | journal-article

Gibb, M. & Cole, A. O. (2008) Ocean ecosystems as complex adaptive systems, In M. Patterson & B. Glavovic (Eds.) Ecological Economics of the Coasts and Oceans (pp. 1-375) Cheltenham, UK, Edward Elgar Publishing Limited

2008 | book-chapter

URL: <https://www.worldcat.org/isbn/9781845423193>
Part of ISBN: 978 1 84542 319 3

Cole A. O. and Flenley J. R. (2008) Human settlement of Easter Island - A competing hypothesis. Earth and Environmental Science Transactions of the Royal Society of Edinburgh Volume 98, Issue 1, Pages 101-116.

URL: <https://www.scopus.com/record/display.uri?eid=2-s2.0-42149105588&origin=inward&txGid=67cae154e5d3734ffd76d331b663c58f>

DOI: 10.1017/S1755691007000072

EID: 2-s2.0-42149105588

Scopus - Elsevier

2007 | journal-article

Dymond, J., Cole, A. O., Davie, T. & Fenemor, A. (2006) IDEAS: an Integrated Dynamic Environmental Assessment System for catchment planning. Paper presented at SIRC 2007 – The 19th Annual Colloquium of the Spatial Information Research Centre, University of Otago, Dunedin, New Zealand December 6th-7th 2007.

URL:

https://www.researchgate.net/publication/251766928_IDEAS_an_Integrated_Dynamic_Environmental_Assessment_System

2007 | conference-paper

Cole A. (2007) Mediated modelling, strong transdisciplinarity and sustainable resource management in the Motueka Catchment of New Zealand. International Journal of Sustainable Development Volume 10, Issue 4, Pages 345-364.

URL: <https://www.scopus.com/record/display.uri?eid=2-s2.0-42449141191&origin=inward&txGid=7664414552258da985e2853c72ccd99c>

DOI: 10.1504/IJSD.2007.017909

EID: 2-s2.0-42449141191
Scopus - Elsevier
2007 | journal-article

Cole, A., Allen, W., Kilvington, M., Fenemor, A. & Bowden, B. (2007) Participatory modelling with an influence matrix and the calculation of whole-of-system sustainability values. *International Journal of Sustainable Development* Volume 10, Issue 4, Pages 382-401.

URL: <http://www.scopus.com/inward/record.url?eid=2-s2.0-42449159865&partnerID=MN8TOARS>

DOI: 10.1504/IJSD.2007.017911

EID: 2-s2.0-42449159865

Scopus - Elsevier

2007 | journal-article

Cole, A. O. (2006). A prototype, dynamic 3-sector economic model for the Waikato region. Landcare Research, Palmerston North, New Zealand.

Landcare Research Contract Report LC0506/087

2006 | report

Patterson, M. G., Wake, G. C., McKibbin, R. & Cole, A. O. (2006) Ecological pricing and transformity: A solution method for systems rarely at general equilibrium. *Ecological Economics* Volume 56, Issue 3 SPEC. ISS., 15, Pages 412-423.

URL: <https://www.scopus.com/record/display.uri?eid=2-s2.0-33344464115&origin=inward&txGid=363bd35946ac32a5aa30f27c0e6c6338>

DOI: 10.1016/j.ecolecon.2005.09.018

EID: 2-s2.0-33344464115

Scopus - Elsevier

2006 | journal-article

Cole, A. O., Fenemor, A., & Markham, S. (2006). Population growth projections for the Motueka Catchment (2001–2026). Landcare Research, Palmerston North, New Zealand.

Landcare Research Contract Report LC0506/164

2006 | report

Cole, A. O., Tregurtha, M., Markham, S., & Honey, M. (2006). Population growth projections for the Nelson region (2001–2026). Landcare Research, Palmerston North, New Zealand.

Landcare Research Contract Report LC0506/087

2006 | report

Cole, A. O., Markham, S., Honey, M., & Tregurtha, M. (2006). Population growth projections for the Nelson Tasman region (2001–2026). Landcare Research, Palmerston North, New Zealand.

Landcare Research Contract Report LC0506/163

2006 | report

Cole, A. O., Markham, S., Honey, M., & Tregurtha, M. (2006). Population growth projections for the Tasman region (2001–2026). Landcare Research, Palmerston North, New Zealand.

Landcare Research Contract Report LC0506/162

2006 | report

Patterson, M.G., Cole, A.O., & Jollands, N.A. (2006) Special issue on the Ecological Economics Think Tank, held in Auckland, New Zealand, 16 November 2003. Ecological Economics Volume 56, Issue 3 SPEC. ISS., Pages 309-311.

URL: [http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-33344472032&partnerID=MN8TOARS)

33344472032&partnerID=MN8TOARS

DOI: 10.1016/j.ecolecon.2005.08.018

EID: 2-s2.0-33344472032

Scopus - Elsevier

2006 | journal-article

Cole, A. O. (2006). The influence matrix methodology: a technical report. Landcare Research, Palmerston North, New Zealand.

Landcare Research Contract Report LC0506/175

2006 | report

Cole, A. O. (2001). Towards a 48-sector economy-environment simulation model for the Waikato region using MatLab. Palmerston North, New Zealand.

Landcare research Contract Report LC0506/097

2006 | report

Cole, A. O., Allen, W., Kilvington, M., Fenemor, A., & Bowden, B. (2006). Understanding whole-of-system sustainability in the Motueka Catchment, participatory modelling with an influence matrix. Landcare Research, Palmerston North, New Zealand.

Landcare Research Contract Report LC0506/087

2006 | report

Cole, A. O. (2005). Report on attendance at the 2nd World Congress on Transdisciplinarity, Vitoria/Vila Velha, 6–12 September 2005. Report prepared for the Ministry of Economic Development and Te Puni Kōkiri. Landcare Research, Palmerston North, New Zealand.

Landcare Research Contract Report LC0506/088

2005 | report

Cole, A. O. (2004, 11th July 2004). Adaptive cycles and the problem of sustaining human civilisation. Paper presented at the 8th Biennial Conference of the International Society for Ecological Economics, Concordia University, Department of Economics, Montreal, Quebec, Canada, July 11-14, Montreal, Quebec, Canada

2004 | conference-paper

Davie, T. J. A., Fenemor, A., Kilvington, M., Cole, A. O. & Gillespie, P. (2004) Ridge tops to the sea, developing sustainable management tools in New Zealand's integrated catchment management project, Paper presented at the Hydrology, Science & Practice Conference for the 21st Century, Imperial College London, United Kingdom

URL:

https://www.researchgate.net/publication/269242507_Ridgetops_to_the_sea_developing_sustainable_management_tools_in_New_Zealand%27s_integrated_catchment_management_project

2004 | conference-paper

Cole, A. O., Parshotam, A., Roth, H., Webby, R. & Botha, N. (2003) Modelling human adaptation to climate variability with the aid of an influence matrix, Paper presented at the Modsim 2003 - Integrative modelling of biophysical, social and economic systems for resource management solutions, Jupiters Hotel and Casino, Townsville, Australia, 14-17 July 2003.

URL: https://www.mssanz.org.au/MODSIM03/Volume_01/A01/04_Cole.pdf
2003 | conference-paper

Cole, A. O., & Patterson, M. G. (2003). Prototype integrated economy-environment accounts for the Nelson-Tasman region. Landcare Research, Paterson North, New Zealand.

Landcare Research Report LC0203-34-215
2003 | report

Cole, A. O. (2003) Using an influence matrix to study ecosystem services from a New Zealand rural community perspective, Paper presented at the VIIth International Rangeland Congress (26th July - 1st August 2003). Proceedings of the VII International Rangeland Congress. Rangelands in the new millennium [electronic resource]: 7th International Rangeland Congress, 26 July – 1 August 2003, Durban, South Africa
URL: <https://rangelandcongress.org/past-congresses/past-congress-proceedings/>
Part of ISBN: 0958453489
2003 | conference-paper

Cole, A. O., & Patterson, M. G. (2001). Research report on regional air emissions of the Waikato: data collection and analysis. Contract Number: C09X0007. Landcare Research, Palmerston North, New Zealand.

Landcare Research Contract Report LC0506/085
2001 | report

Patterson, M. G. & Cole, A. O. (1999) Assessing the Value of New Zealand's Biodiversity. Massey University, School of Resource and Environmental Planning, Palmerston North, New Zealand.

URL: <https://www.worldcat.org/title/assessing-the-value-of-new-zealands-biodiversity/oclc/154291438>

Occasional paper No. 1

Part of ISBN: 9780473058371

1999 | book

Clark, J. T., Cole, A. O. & Nunn, P. D. (1999) Environmental change and human prehistory on Totoya, Lau Islands, Fiji, National Geographic Society, Committee for Research and Exploration (Grant Number 5003-93) and a grant from the University of the South Pacific (additional support was provided by Massey University and North Dakota State University) Paper presented at the Port Vila Conference, Vanuatu, 31 July 1996, In (Ed) Galipaud, J. C. & Lilley, I. Le Pacifique de 5000 a 2000 avant le present / The Pacific from 5000 to 2000 BP Paris, France, Institut de Recherche pour le Developpement.

URL: <https://core.ac.uk/download/pdf/39848338.pdf>

1999 | conference-paper

Part of ISBN: 2 7099 1431 X

Cole, A. O., & Patterson, M. G. (1999). Estimation of the value of ecosystem services in the Waikato Region. Waikato Regional Council report, Hamilton, New Zealand.

Environment Waikato Internal Series 1999/02

1999 | report

Cole, A. O. (1996) A dynamical systems framework for modelling plant community organization, Doctor of Philosophy, Massey University, Palmerston North.

URL: <https://mro.massey.ac.nz/handle/10179/4031>

1996 | dissertation-thesis

Striewsky B., Cole, A. O., & Flenley J. R. (1996). Date of the Colonisation of New Zealand, Part 1, Year 3, FRST contract number MAU 305. Retrieved from Massey University, Palmerston North.

A Report on Work Done in 1993/94 for the Foundation for Science Research and Technology

FRST contract number MAU 305

1996 | report

Rapson, GL; Cole, A; Blackwell, G; Cottam, Y; Flannagan, H; Glover, L (1994). Vegetation change in permanent monitoring sites on Manganui Skifield and adjacent Ngarara Bluffs, Mt Taranaki, Egmont National Park, New Zealand. Report to Department of Conservation, Stratford. 27 pp.

Massey University

1994 | report

Cole, A. O. (1992) Biodiversity and the pre and post deforestation taxon-diversity of a Lowland Podocarp Broadleaf forest remnant – Keeble’s Bush, Manawatū, New Zealand, Honours Dissertation, Massey University, Palmerston North, New Zealand.

Massey University

1992 | dissertation-thesis

Web-app/website development

<https://search.panmultimedia.com/>

<https://teachme.panmultimedia.com/>

<https://sustainableseas.epiphron.co.nz/#/>

<https://www.ipansophy.com/>

<https://www.tetoiohanga.com/>

<https://mgpi.co.nz/#/>

Trademarks

iPansophy Limited™

Panmultimedia™

Te Toi Ōhanga: New Zealand Institute of Māori Economic Development and Innovation™